

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Titan Glass & Aluminum, LLC 450 West 27 Street Hialeah, FL 33010

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "TSD-5000" Aluminum Sliding Glass Door - Dry-Glazed - S.M.I.

APPROVAL DOCUMENT: Drawing No. W12–62, titled "Series TSD–5000 Alum. Sliding Glass Door (S.M.I.)", sheets 01 through 08 of 08, dated 11/28/12 with revision "C" dated 04/09/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 12-1213.03 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P.E.



J. Carson

NOA No. 14-0221.02 Expiration Date: March 14, 2018 Approval Date: May 01, 2014 Page 1

Titan Glass & Aluminum, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. W12–62, titled "Series TSD–5000 Alum. Sliding Glass Door (S.M.I.)", sheets 01 through 08 of 08, dated 11/28/12 with revision "C" dated 04/09/14, prepared by Al–Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202–94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Small Missile Impact Test, per FBC, TAS 201–94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry and Assembly Test, Type C, Grade 10, per ASTM F 842, per FBC 2411.3.2.1 and TAS 202–94

along with marked—up drawings and installation diagram of an aluminum sliding glass door 2—Track System, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL—7456, dated 09/13/13, signed and sealed by Marlin D. Brinson, P. E.

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of sliding door 2-Track System, prepared by Hurricane Engineering Testing, Inc., Test Report No. **HETI-12-4072**, dated 11/14/12, signed and sealed by Rafael E. Droz-Seda, P. E. (Submitted under previous NOA No. 12-1213.03)

3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201–94

2) Cyclic Wind Pressure Loading per FBC, TAS 203–94 along with marked-up drawings and installation diagram of sliding door 2–Track System, prepared by Hurricane Engineering Testing, Inc., Test Report No. **HETI-12–4073**, dated 11/14/12, signed and sealed by Rafael E. Droz–Seda, P. E. (Submitted under previous NOA No. 12–1213.03)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC, prepared by Al–Farooq Corporation, dated 01/31/14, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies with ASTM E1300-04/09 and with DCA05-DEC-219 Florida Building Commission Declaratory Statement.

Jaime D. Gascon, P. E. Product Control Section Supervisor

NOA No. 14-0221.02

Expiration Date: March 14, 2018 Approval Date: May 01, 2014

Titan Glass & Aluminum, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 13–0129.27 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 04/11/13, expiring on 12/11/16.
- 2. TREMCO Part No. TR-14271E <u>EPDM exterior glazing gasket</u> complying with ASTM C864 Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers with Option II exceptions, ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension of 1600 PSI, ASTM D395B Test Methods for Rubber Property—Compression Set for 22 HRS 158°F and ASTM D 624 Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers of 143 lb./ in.

F. STATEMENTS

- 1. Statement letter of no financial interest, conformance and complying with FBC FIFTH (5th) EDITION (2014), issued by Al-Farooq Corporation, dated 04/24/14, signed and sealed by Javad Ahmad, P. E.
- 2. Statement letter of no financial interest, conformance and complying with FBC-2010, issued by Al-Farooq Corporation, dated 01/31/14, signed and sealed by Javad Ahmad, P. E.
- 3. Laboratory compliance letter for Test Report No. FTL-7456, issued by Fenestration Testing Laboratory, Inc., dated 09/13/13, signed and sealed by Marlin D. Brinson, P.E.
- 4. Department of State Certification of TITAN GLASS & ALUMINUM, LLC as a limited liability company, active and organized under the laws of the State of Florida, dated 06/07/13 and signed by T. Hampton, Secretary of State.
- 5. Laboratory compliance letters for Test Reports No.'s HETI-12-4072, and HETI-12-4073, issued by Hurricane Engineering Testing, Inc., all dated 11/14/12, signed and sealed by Rafael E. Droz-Seda, P. E. (Submitted under previous NOA No. 12-1213.03)
- 6. Proposal issued by the Product Control Section, dated 08/09/12, signed by Jaime D. Gascon, P.E. (Submitted under previous NOA No. 12–1213.03)

G. OTHERS

1. Notice of Acceptance No. 12–1213.03, issued to Titan Glass & Aluminum, LLC for their Series "TSD-5000 Aluminum Sliding Glass Door – Dry-Glazed – S.M.I.", approved on 03/14/13 and expiring on 03/14/18.

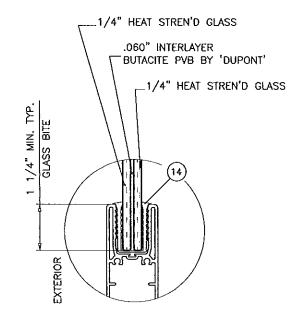
Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 14-0221.02

Expiration Date: March 14, 2018 Approval Date: May 01, 2014

DESIGN LOAD CAPACITY - PSF						
AVERAGE	DOOR HEIGHT INCHES	9/16" LAM. GLASS				
INCHES		EXT.(+)	INT.(-)			
36	82-1/4	100.0	125.0			
42		100.0	125.0			
48		100.0	125.0			
54		100.0	125.0			
60		100.0	106.0			
36		100.0	125.0			
42		100.0	125.0			
48	96	100.0	125.0			
54		100.0	106.0			
60		100.0	106.0			
36	102	100.0	125.0			
42		100.0	125.0			
48		100.0	125.0			
54		100.0	106.0			
60		100.0	106.0			
36		100.0	106.0			
42	Ì	100.0	106.0			
48	108	100.0	106.0			
54		100.0	106.0			
60		100.0	106.0			
36		100.0	106.0			
42		100.0	106.0			
48	114	100.0	106.0			
54	!	100.0	106.0			
60		100.0	106.0			
36	120	100.0	106.0			
42		100.0	106.0			
48		100.0	106.0			
54		100.0	106.0			
60		100.0	106.0			



GLAZING DETAIL 9/16" OVERALL LAMINATED GLASS

DOOR WIDTH AVERAGE PANEL WIDTH = NUMBER OF PANELS

ALL EXTERIOR(+) LOADS SHOWN IN CHARTS ABOVE ARE FOR DOORS WITH 3-3/4" SILL HEIGHTS. FOR 2-5/8" SILL HEIGHT LIMIT EXT.(+) LOADS TO 60.0 PSF SEE SHEET 5 FOR DETAILS

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY WITH EGRESS REQUIREMENTS PER FBC AS NEEDED.

> GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

SERIES 'TSD-5000' ALUMINUM SLIDING GLASS DOOR

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN ABOVE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE. (WOOD MIN. S.G. = 0.55)

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

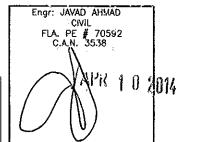
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

PRODUCT REVISED as complying with the Florida Building Code Acceptance No Taux Jiami Dade Product Control

THESE DOORS ARE RATED FOR SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE. LAMINATED GLASS SMALL MISSILE IMPACT



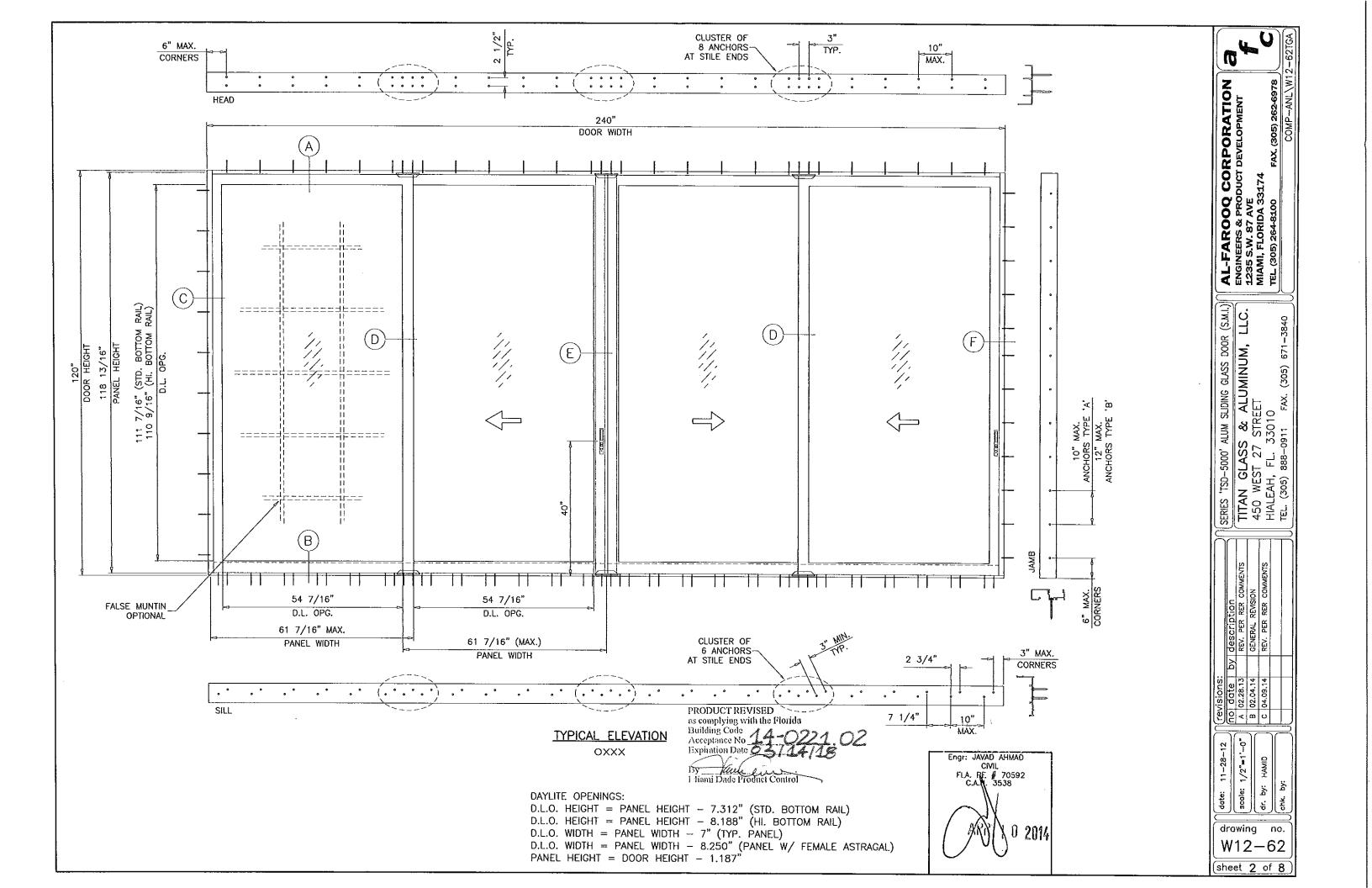
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978

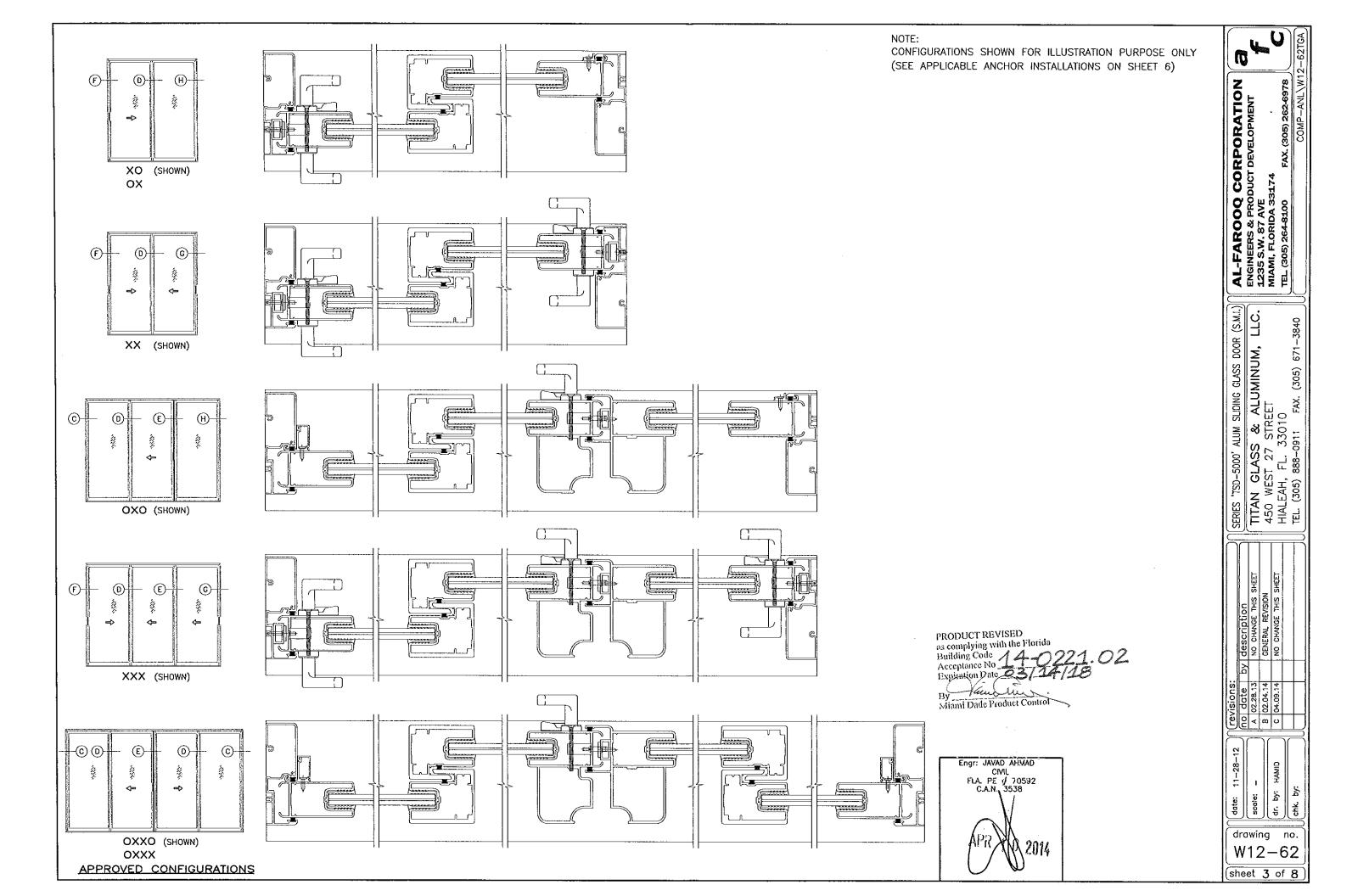
SERIES 'TSD-5000' ALUM SLIDING GLASS DOOR (S. TITAN GLASS & ALUMINUM, LL. 450 WEST 27 STREET HIALEAH, FL. 33010 TEL. (305) 888-0911 FAX. (305) 671-384 SERIES

(S.M.L.)

drawing no. W12 - 62

sheet 1 of 8





1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY TITAN GLASS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONCRETE

1-1/2" MIN. EMBED INTO CONCRETE

TYPE 'B'- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONCRETE

1-1/2" MIN. EMBED

TYPE 'C'- #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.)

INTO METAL STRUCTURES

STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

— — — — AT SILL — — —

TYPE 'B'- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONCRETE 1-1/2" MIN. EMBED

— — — AT JAMBS— — —

TYPE 'A'- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'B'- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'C'- #14 SMS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.)

INTO METAL STRUCTURES

STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

INTO CONCRETE OR CMU = 2-1/2" MIN. INTO WOOD STRUCTURE (MIN. S.G.=0.55) = 1" MIN. INTO METAL STRUCTURE (1/8" MIN. THK.) = 3/4" MIN.

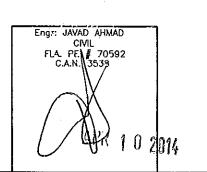
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN. C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

TEME # PART # QUANTITY DESCRIPTION						
TGA102	ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
TGA112	1	TGA101	1	FRAME HEAD	6005A-T5	_
4 TGA103 2 AFRAME JAMB 6063-T6 - 17 TGA103 2 AI. FRAME JAMB 6063-T6 - 5 TGA107 AS REQD. 6 TGA104 1/PANEL PANEL TOP RAIL 6063-T6 - 7 TGA105 1/PANEL PANEL STD. BOTTOM RAIL 6063-T6 - 7 TGA105 1/PANEL PANEL STD. BOTTOM RAIL 6063-T6 - 8 TGA111 1/PANEL PANEL STD. BOTTOM RAIL 6063-T6 - 8 TGA111 AS REQD. PANEL LOCK STILE 6063-T6 - 10 TGA114 AS REQD. PANEL LOCK STILE 6063-T6 - 11 TGA114 AS REQD. PANEL HINTERLOCK STILE 6063-T6 - 11 TGA113 AS REQD. PANEL HINTERLOCK STILE 6063-T6 - 11 TGA113 AS REQD. PANEL HINTERLOCK STILE 6063-T6 - 11 TGA113 AS REQD. PANEL MALE ASTRAÇAL 6063-T6 - 11 TGA114 AS REQD. PANEL MALE ASTRAÇAL 6063-T6 - 11 TGA111 3/FIX.PANEL FIXED PANEL RETAINING CLIP, 2° LONG 6063-T6 606	2	TGA102	1	FRAME SILL	6005A-T5	_
TGA103 2	3	TGA112	AS REQD.	SILL RISER	6063-T6	-
5 TGA107 AS REOD. RETAINING CLIP. 7" LONG 6005A-15 © MTG. STILES HEAD & SILL ENDS 6 TGA104 1/PANEL PANEL TOP RAIL 6063-16 - 7 TGA105 1/PANEL PANEL TOP RAIL 6063-16 - 7A TGA110 1/PANEL PANEL TOP RAIL 6063-16 - 8 TGA110 AS REOD. PANEL LOCK STILE 6063-16 - 10 TGA114 AS REOD. PANEL INTERCHOCK STILE 6063-16 - 10 TGA114 AS REOD. PANEL INTERCHOCK STILE 6063-16 - 11 TGA113 AS REOD. PANEL INTERCHOCK STILE 6063-16 - 12 - 2 JAMB FASTERER COVER 6063-15 - 13 TGA111 3/FIX-PANEL FIXED PANEL RETAINING CUP. COVER 6063-15 OPTIONAL 13A TGA116 OPTIONAL RETAINING CUP COVER 6063-15 OPTIONAL 14 TGA147 AS REOD. GLAZING GASKET SANTON	4	TGA103A	2	FRAME JAMB	6063-T6	-
6 TGA104 1/PANEL PANEL TO PANIL 6063-T6 - 7 TGA105 1/PANEL PANEL TO PANIL 6063-T6 - 7 TGA105 1/PANEL 7 PANEL TO PANIL 6063-T6 - 8 TGA110 1/PANEL PANEL HI BOTTOM PANIL 6063-T6 - 8 TGA110 AS REOD. PANEL LOCK STILE 6063-T6 - 9 TGA109 AS REOD. PANEL INTERLOCK STILE 6063-T6 - 10 TGA114 AS REOD. PANEL PANEL MITERLOCK STILE 6063-T6 - 11 TGA113 AS REOD. PANEL	4A	TGA103	2	ALT. FRAME JAMB	6063-T6	-
7 TGA105 1/PANEL PANEL STD. BOTTOM RAIL 6063-T6 - 7A TGA1141 1/PANEL PANEL HI, BOTTOM RAIL 6063-T6 - 8 TGA110 AS REQD. PANEL LINCER/CK STILE 6063-T6 - 9 TGA109 AS REQD. PANEL INTERLOCK STILE 6005A-T5 - 10 TGA114 AS REQD. PANEL STRAGAL 6063-T6 - 11 TGA113 AS REQD. PANEL STRAGAL 6063-T6 - 12 - 2 JAME FASTENER COVER 6063-T6 OPTIONAL (NOT SHOWN) 13A TGA116 OPTIONAL RETAINING CUP COVER 6063-T5 OPTIONAL 14 TGA147 AS REQD. GLAZING GASKET SANTOPPRENE - 15 TGA125 2/ PANEL PANEL TOP GUIDE (62" X 1.40" X .370") MYLON - 16 TGA148 2/ FIX. PANEL PANEL ASSY. SCREWS - #10 x 3/4" FHSMS 18 AS REQD. FRAME & PANEL ASSY. SCREWS - #10 x	5	TGA107	AS REQD.	RETAINING CLIP, 7" LONG	6005A-T5	MTG. STILES HEAD & SILL ENDS
7A TGA141 1/PANEL PANEL IN BOTTOM RAIL 6063-T6 — 8 TGA110 AS REQD. PANEL LOCK STILE 6063-T6 — 9 TGA109 AS REQD. PANEL INTERLOCK STILE 6063-T5 — 10 TGA114 AS REQD. PANEL INTERLOCK STILE 6063-T6 — 11 TGA113 AS REQD. PANEL INTERLOCK STILE 6063-T6 — 12 — 2 JAMB FASTERIOR COVER 6063-T6 — OPTIONAL (NOT SHOWN) 13 TGA115 JEYRAPAEL FIXED PANEL RETAINING CUIP, 2" LONG 6063-T5 SECURE W/1 ∮10 X 1-1/2" FH SMS 13A TGA116 OPTIONAL RETAINING CUIP COVER 6063-T5 SECURE W/1 ∮10 X 1-1/2" FH SMS 14 TGA147 AS REQD. BAZING CASKET SANTOPRENE — 15 TGA125 2/ PANEL PANEL LOY GUIDE (.62" X 1.40" X .370") NYLON — 16 TGA148 2/ FIX. PANEL FIX. PANEL BOTTOM GUIDE (.62" X 1.40" X .370") NYLON — 17	6	TGA104	1/PANEL	PANEL TOP RAIL	6063-T6	_
8 TGA110 AS REQD. PANEL LOCK STILE 6063-T6 9 TGA109 AS REQD. PANEL INTERLOCK STILE 6063-T6 10 TGA114 AS REQD. PANEL FEMALE ASTRAGAL 6063-T6 11 TGA113 AS REQD. PANEL FEMALE ASTRAGAL 6063-T6 11 TGA113 AS REQD. PANEL MALE ASTRAGAL 6063-T6 12 2 JAMB FASTENER COVER 6063-T6 13 TGA111 3/FIX-PANEL FIXED PANEL RETAINING CLIP, 2° LONG 6063-T5 OPTIONAL (NOT SHOWN) 13 TGA116 OPTIONAL RETAINING CLIP COVER 6063-T5 OPTIONAL SECURE W/1 ≸10 X 1-1/2″ FH SMS 6063-T5 14 TGA147 AS REQD. GLAZING GASKET SANTOPRENE 15 TGA125 2/ PANEL PANEL FIXED PANEL BOTTOM GUDE (3° X .91° X .70°) NYLON 16 TGA148 2/ FIX. PANEL FIXED PANEL BOTTOM GUDE (3° X .91° X .70°) NYLON 17 2/GUIDE BOTTOM GUIDE INST. SCREWS ∯10 X 3/4″ FH SMS 18 AS REQD. FRAME & PANEL SSY. SCREWS ∯10 X 1/2″ FH SMS 20 2815 MULTI POINT 1/MOV. PANEL LOCK INSTALLATION SCREWS ∯10 -24 X 1/2″ FH SMS 21 2/LOCK LOCK INSTALLATION SCREWS ∯6-32 X 1/2″ FHSMS 22 1/2″ X 1″ X .093 1/LOCK LOCK KEEPER MOUNTING SCREWS STD AT 1-1/2″ FROM ENDS & 23″ O.C. 26 ∯10 X 3/4″ FH SMS AS REQD. KEEPER MOUNTING SCREWS STD AT 1-1/2″ FROM ENDS & 23″ O.C. 26 ∯10 X 3/4″ PH SMS AS REQD. KEEPER MOUNTING SCREWS STD AT 1-1/2″ FROM ENDS & 23″ O.C. 27 APOLLO BY AMESBURY 1/LOCK LOCK KEEPER MOUNTING SCREWS STD AT 1-1/2″ FROM ENDS & 23″ O.C. 28 APOLLO BY AMESBURY 2/MOV. PANEL PANEL ROUTER SCREWS MULTI PT AT 1-1/2″ FROM ENDS & 23″ O.C. 29 TA-88 2/MOV. PANEL PANEL PANEL ROUTER SCREWS MULTI PT AT 1-1/2″ FROM ENDS & 23″ O.C. 30 W2130SNK AS REQD. VERTICAL W/STRIP AT INTERLOCKS ∯8 X 1/2 FHSMS 31 W2140SNK AS REQD. VERTICAL W/STRIP AT INTERLOCKS FIN SEAL BY ULTRAFAB 33 Q267075K AS REQD. VERTICAL W/STRIP AT INTERLOCKS FIN SEAL BY ULTRAFAB 34 W2130SNK AS REQD. VERTICAL W/STRIP AT INTERLOCKS 35 LI/MITERLOCK LOCATION 36 LI/MOV. PANEL J/4″ X 1/4″ X 1/3/16″ X 1/2″ HIGH, ADHESIVE BACK PAD SILL/INTERLOCK LOCATION 36 LI/MOV. PANEL J/4″ X 1/4″ X 1/3/16″ X 1/2″ HIGH, ADHESIVE BACK PAD SILL/INTERLOCK LOCATION	7	TGA105	1/PANEL	PANEL STD. BOTTOM RAIL	6063-T6	-
9 TGA109 AS REQD. PANEL INTERLOCK STILE 6005A-T5 10 TGA114 AS REQD. PANEL FEMALE ASTRAGAL 6063-T6 11 TGA113 AS REQD. PANEL MALE ASTRAGAL 6063-T6 12 — 2 JAMB FASTENER COVER 6063-T6 13 TGA111 3/FIX.PANEL FIXED PANEL RETAINING CUP, 2" LONG 6063-T5 OPTIONAL (NOT SHOWN) 13 TGA111 3/FIX.PANEL FIXED PANEL RETAINING CUP, 2" LONG 6063-T5 OPTIONAL 14 TGA147 AS REQD. CLAZING GASKET 15 TGA125 2/ PANEL PANEL TOP GUIDE (.62" X 1.40" X .370") 16 TGA148 2/ FIX. PANEL FIXED PANEL BOTTOM GUIDE (.5" X 1.40" X .370") 17 2/GUIDE 18 BOTTOM GUIDE INST. SCREWS 19 2/CUIP 2/CUIP RETAINING CUP SCREWS 19 2/CUIP RETAINING CUP SCREWS 10 2/UIDE 2/CUIP RETAINING CUP SCREWS 11 2/UIDE 12 2/UIDE 13 2/470 MULTI POINT 1/LOCK LOCK INSTALLATION SCREWS 14 10 x 1" PHSMS 15 10 x 3/4" PH SMS 16 32 2470 MULTI POINT 1/LOCK LOCK KEEPER 2/CUIP 2	7A	TGA141	1/PANEL	PANEL HI. BOTTOM RAIL	6063-T6	_
10 TGA114 AS REQD. PANEL FEMALE ASTRAGAL 6063—T6 11 TGA113 AS REQD. PANEL MALE ASTRAGAL 6063—T6 12 —— 2 JAMB FASTENER COVER 6063—T5 6063—T5 13 TGA111 3/FIX-PANEL FIEED PANEL RETAINING CUP, 2" LONG 6063—T5 SECURE W/1 #10 x 1−1/2" FH SMS 13A TGA116 OPTIONAL RETAINING CUP COVER 6063—T5 SECURE W/1 #10 x 1−1/2" FH SMS 13A TGA116 OPTIONAL RETAINING CUP COVER 6063—T5 OPTIONAL 14 TGA147 AS REQD. GLAZING CASKET SANTOPRENE — 15 TGA125 2/ PANEL PANEL TOP GUIDE (.62" x 1.40" x .370") NYLON — 16 TGA148 2/ FIX. PANEL PROP PANEL BOTTOM GUIDE (3" x .91" x .70") NYLON — 17 2/GUIDE BOTTOM GUIDE INST. SCREWS — #10 x 1" PHSMS 18 AS REQD. FRAME & PANEL ASSY. SCREWS — #10 x 1" PHSMS 19 2/CUP RETAINING CUP SCREWS — #10 x 1" PHSMS 19 2/CUP RETAINING CUP SCREWS — #10-24 x 1/2" FH MS 20 2815 MULTI POINT 1/MOV. PANEL MORTISE LOCK — MULTI POINT — AMESBURY 22 2/LOCK LOCK INSTALLATION SCREWS — #6-32 x 1/2" FHSMS 23 2470 MULTI POINT 1/LOCK LOCK KEEPER — — — #6-32 x 1/2" FHSMS 24 1/2" x 1" x .093 1/LOCK LOCK KEEPER — — — AT 1−1/2" FROM ENDS & 23" O.C. 26 #10 x 3/4" PH SMS AS REQD. KEEPER MOUNTING SCREWS STD. — AT 1−1/2" FROM ENDS & 23" O.C. 27 APOLLO BY AMESBURY 1/LOCK INTERIOR & EXTERIOR PULL — Ø SID. LOCK STILE 28 APOLLO BY AMESBURY 1/LOCK INTERIOR & EXTERIOR PULL — Ø MALE ASTRAGAL STILE 29 TA−88 2/MOV. PANEL INTERIOR & EXTERIOR PULL — Ø MALE ASTRAGAL STILE 29 TA−88 2/MOV. PANEL INTERIOR & EXTERIOR PULL — Ø MALE ASTRAGAL STILE 29 TA−88 2/MOV. PANEL INTERIOR & EXTERIOR SCREWS — H8 x 1/2 PHSMS 31 W21405NK AS REQD. VERTICAL W/STRIP AT INTERLOCKS — FIN SEAL BY ULTRAFAB 32 W21305NK AS REQD. VERTICAL W/STRIP AT INTERLOCKS — FIN SEAL BY ULTRAFAB 33 Q267075K AS REQD. VERTICAL W/STRIP AT JAMBS & ASTRAGAL — FIN SEAL BY ULTRAFAB 34 1/MOV. PANEL 3 1/4" x 1 3/16" x 1/2" HIGH, ADHESIVE BACK PAD — SILL/INTERLOCK LOCATION 35 1/MOV. PANEL 3 1/4" x 1 3/16" x 1/2" HIGH, ADHESIVE BACK PAD — SILL/INTERLOCK LOCATION	8	TGA110	AS REQD.	PANEL LOCK STILE	6063-T6	
11	9	TGA109	AS REQD.	PANEL INTERLOCK STILE	6005A-T5	
12	10	TGA114	AS REQD.	PANEL FEMALE ASTRAGAL	6063-T6	
13 TGA111 3/FIX.PANEL FIXED PANEL RETAINING CUP, 2" LONG 6063—TS SECURE W/1 #10 X 1−1/2" FH SMS 13A TGA116 OPTIONAL RETAINING CUP COVER 6063—T5 OPTIONAL 14 TGA147 AS REQD. GLAZING GASKET SANTOPRENE 15 TGA125 2/ PANEL PANEL TOP GUIDE (.62" X 1.40" X .370") NYLON - 16 TGA148 2/ FIX. PANEL FIXED PANEL BOTTOM GUIDE (.3" X .91" X .70") NYLON - 17 2/GUIDE BOTTOM GUIDE INST. SCREWS - #10 x 3/4" FHSMS 18 AS REQD. FRAME & PANEL ASSY. SCREWS - #10 x 1" PHSMS 19 2/CLIP RETAINING CUP SCREWS - #10 x 1/2 FH MS 20 2815 MULTI POINT 1/MOV. PANEL MORTISE LOCK - MULTI POINT - AMESBURY 22 2/CLIP RETAINING SCREWS - #6-32 x 1/2" FHSMS 23 2470 MULTI POINT 1/LOCK LOCK KEEPER - CUSTOM FILLER TUBE 6063—T5 - 24 1/2" X 1" X .093 1/LOCK LOCK KEEPER MOUNTING SCREWS STD AT 1−1/2" FROM ENDS & 23" 0.C. 26 #10 x 3/4" FH SMS AS REQD. KEEPER MOUNTING SCREWS MULTI PT AT 1−1/2" FROM ENDS & 23" 0.C. 27 APOLLO BY AMESBURY 1/LOCK INTERIOR & EXTERIOR PULL - Ø SID. LOCK STILE 28 APOLLO BY AMESBURY 1/LOCK INTERIOR & EXTERIOR PULL - Ø SID. LOCK STILE 29 TA-8B 2/MOV. PANEL MOTEROR & EXTERIOR PULL - Ø MALE ASTRAGAL STILE 29 TA-8B 2/MOV. PANEL NITERIOR SCREWS - #8 x 1/2 FHSMS 31 W21405NK AS REQD. TOP RAIL MYSTRIP AT INTERLOCKS - FIN SEAL BY ULTRAFAB 33 Q267075K AS REQD. VERTICAL W/STRIP AT INTERLOCKS - FIN SEAL BY ULTRAFAB 34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERIOCK LOCATION 35 11/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERIOCK LOCATION	11	TGA113	AS REQD.	PANEL MALE ASTRAGAL	6063T6	
13A TGA116 OPTIONAL RETAINING CLIP COVER 6063-T5 OPTIONAL 14	12	-	2	JAMB FASTENER COVER	6063-T5	OPTIONAL (NOT SHOWN)
TGA147	13	TGA111	3/FIX.PANEL	FIXED PANEL RETAINING CLIP, 2" LONG	6063-T5	SECURE W/1 #10 X 1-1/2" FH SMS
15	13A	TGA116	OPTIONAL	RETAINING CLIP COVER	6063-T5	OPTIONAL
16	14	TGA147	AS REQD.	GLAZING GASKET	SANTOPRENE	-
17	15	TGA125	2/ PANEL	PANEL TOP GUIDE (.62" X 1.40" X .370")	NYLON	
18	16	TGA148	2/ FIX. PANEL	FIXED PANEL BOTTOM GUIDE (3" X .91" X .70")	NYLON	_
19	17		2/GUIDE	BOTTOM GUIDE INST. SCREWS	_	#10 x 3/4" FHSMS
20 2815 MULTI POINT 1/MOV. PANEL MORTISE LOCK - MULTI POINT - AMESBURY	18		AS REQD.	FRAME & PANEL ASSY, SCREWS	_	#10 x 1" PHSMS
22 2/LOCK LOCK INSTALLATION SCREWS - #6-32 x 1/2" FHSMS 23 2470 MULTI POINT 1/LOCK LOCK KEEPER 24 1/2" X 1" X .093 1/LOCK LOCK KEEPER - CUSTOM FILLER TUBE 6063-T5 - 25 #10 x 3/4" FH SMS AS REQD. KEEPER MOUNTING SCREWS STD. - AT 1-1/2" FROM ENDS & 23" O.C. 26 #10 x 3/4" PH SMS AS REQD. KEEPER MOUNTING SCREWS MULTI PT. - AT 1-1/2" FROM ENDS & 23" O.C. 27 APOLLO BY AMESBURY 1/LOCK INTERIOR & EXTERIOR PULL - ® SID. LOCK STILE 28 APOLLO BY AMESBURY 2/MOV. PANEL INTERIOR PULL - ® MALE ASTRAGAL STILE 29 TA88 2/MOV. PANEL PANEL ROLLER ASSY. - AMESBURY 30 2/ROLLER ROLLER INSTALLATION SCREWS - #8 x 1/2 FHSMS 31 W21405NK AS REQD. TOP RAIL W/STRIP AT INTERLOCKS - FIN SEAL BY ULTRAFAB 32 W21305NK AS REQD. VERTICAL W/STRIP SQUARE BACK - FIN SEAL SKIRTING BY ULTRAFAB 34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERLOCK LOCATION 35 1/MOV. PANEL 3 1/4" X 1 3/1	19		2/CLIP	RETAINING CLIP SCREWS	-	#10-24 x 1/2 FH MS
23 2470 MULTI POINT 1/LOCK LOCK KEEPER -	20	2815 MULTI POINT	1/MOV. PANEL	MORTISE LOCK - MULTI POINT	_	AMESBURY
24 1/2" X 1" X .093 1/Lock Lock Keeper — Custom filler tube 6063-T5 — 25 #10 x 3/4" FH SMS AS REQD. Keeper Mounting Screws Std. — AT 1-1/2" FROM ENDS & 23" O.C. 26 #10 x 3/4" PH SMS AS REQD. Keeper Mounting Screws Multi Pt. — AT 1-1/2" FROM ENDS & 23" O.C. 27 APOLLO BY AMESBURY 1/Lock Interior & Exterior Pull — ⊕ Std. Lock Stile 28 APOLLO BY AMESBURY 2/MOV. PANEL Interior Pull — ⊕ Male Astragal Stile 29 TA-88 2/MOV. PANEL PANEL ROLLER ASSY. — AMESBURY 30 2/ROLLER ROLLER INSTALLATION SCREWS — #8 x 1/2 FHSMS 31 W21405NK AS REQD. TOP RAIL W/STRIP AT INTERLOCKS — FIN SEAL BY ULTRAFAB 32 W21305NK AS REQD. VERTICAL W/STRIP AT JAMBS & ASTRAGAL — FIN SEAL BY ULTRAFAB 33 Q267075K AS REQD. BOTT. RAIL W/STRIP SQUARE BACK — FIN SEAL SKIRTING BY ULTRAFAB 34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD — SILL/INTERLOCK LOCATION	22		2/LOCK	LOCK INSTALLATION SCREWS	-	#6-32 x 1/2" FHSMS
#10 x 3/4" FH SMS AS REQD. KEEPER MOUNTING SCREWS STD. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" PH SMS AS REQD. KEEPER MOUNTING SCREWS MULTI PT. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" PH SMS AS REQD. KEEPER MOUNTING SCREWS MULTI PT. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" PH SMS AS REQD. KEEPER MOUNTING SCREWS MULTI PT. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" PH SMS AS REQD. INTERIOR SCREWS MULTI PT. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" PH SMS AS REQD. INTERIOR SCREWS MULTI PT. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" PH SMS AS REQD. TOP KEEPER MOUNTING SCREWS MULTI PT. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" PH SMS AS REQD. TOP KEEPER MOUNTING SCREWS MULTI PT. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" PH SMS AS REQD. STD. AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" FH SMS AS REQD. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" FH SMS AS REQD. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 3/4" FH SMS AS REQD. — AT 1-1/2" FROM ENDS & 23" O.C. #10 x 1	23		1/LOCK	LOCK KEEPER	-	_
#10 x 3/4" PH SMS AS REQD. KEEPER MOUNTING SCREWS MULTI PT. — AT 1-1/2" FROM ENDS & 23" O.C. 27 APOLLO BY AMESBURY 1/LOCK INTERIOR & EXTERIOR PULL — © STD. LOCK STILE 28 APOLLO BY AMESBURY 2/MOV. PANEL INTERIOR PULL — © MALE ASTRAGAL STILE 29 TA-88 2/MOV. PANEL PANEL ROLLER ASSY. — AMESBURY 30 2/ROLLER ROLLER INSTALLATION SCREWS — #8 x 1/2 FHSMS 31 W21405NK AS REQD. TOP RAIL W/STRIP AT INTERLOCKS — FIN SEAL BY ULTRAFAB 32 W21305NK AS REQD. VERTICAL W/STRIP AT JAMBS & ASTRAGAL — FIN SEAL BY ULTRAFAB 33 Q267075K AS REQD. BOTT. RAIL W/STRIP SQUARE BACK — FIN SEAL SKIRTING BY ULTRAFAB 34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD — SILL/INTERLOCK LOCATION 35 1/MOV. PANEL 3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD — SILL/INTERLOCK LOCATION	24	1/2" X 1" X .093	1/LOCK	LOCK KEEPER CUSTOM FILLER TUBE	6063-T5	_
27 APOLLO BY AMESBURY 1/LOCK INTERIOR & EXTERIOR PULL -	25	#10 x 3/4" FH SMS	AS REQD.	KEEPER MOUNTING SCREWS STD.	_	AT 1-1/2" FROM ENDS & 23" O.C.
APOLLO BY AMESBURY 2/MOV. PANEL INTERIOR PULL — ● MALE ASTRAGAL STILE 29 TA-88 2/MOV. PANEL PANEL ROLLER ASSY. — AMESBURY 30 2/ROLLER ROLLER INSTALLATION SCREWS — #8 x 1/2 FHSMS 31 W21405NK AS REQD. TOP RAIL W/STRIP AT INTERLOCKS — FIN SEAL BY ULTRAFAB 32 W21305NK AS REQD. VERTICAL W/STRIP AT JAMBS & ASTRAGAL — FIN SEAL BY ULTRAFAB 33 Q267075K AS REQD. BOTT. RAIL W/STRIP SQUARE BACK — FIN SEAL SKIRTING BY ULTRAFAB 34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD — SILL/INTERLOCK LOCATION 35 1/MOV. PANEL 3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD — SILL/INTERLOCK LOCATION	26	#10 x 3/4" PH SMS	AS REQD.	KEEPER MOUNTING SCREWS MULTI PT.	_	AT 1-1/2" FROM ENDS & 23" O.C.
29 TA-88 2/MOV. PANEL PANEL ROLLER ASSY AMESBURY 30 2/ROLLER ROLLER INSTALLATION SCREWS #8 x 1/2 FHSMS 31 W21405NK AS REQD. TOP RAIL W/STRIP AT INTERLOCKS FIN SEAL BY ULTRAFAB 32 W21305NK AS REQD. VERTICAL W/STRIP AT JAMBS & ASTRAGAL FIN SEAL BY ULTRAFAB 33 Q267075K AS REQD. BOTT. RAIL W/STRIP SQUARE BACK FIN SEAL SKIRTING BY ULTRAFAB 34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD SILL/INTERLOCK LOCATION 35 1/MOV. PANEL 3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD SILL/INTERLOCK LOCATION	27	APOLLO BY AMESBURY	1/LOCK	INTERIOR & EXTERIOR PULL	_	STD. LOCK STILE
2/ROLLER ROLLER INSTALLATION SCREWS 31 W21405NK AS REQD. TOP RAIL W/STRIP AT INTERLOCKS 32 W21305NK AS REQD. VERTICAL W/STRIP AT JAMBS & ASTRAGAL 33 Q267075K AS REQD. BOTT. RAIL W/STRIP SQUARE BACK 34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD 35 1/MOV. PANEL 3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD 36 SILL/INTERLOCK LOCATION	28	APOLLO BY AMESBURY	2/MOV. PANEL	INTERIOR PULL	_	MALE ASTRAGAL STILE
31 W21405NK AS REQD. TOP RAIL W/STRIP AT INTERLOCKS — FIN SEAL BY ULTRAFAB 32 W21305NK AS REQD. VERTICAL W/STRIP AT JAMBS & ASTRAGAL — FIN SEAL BY ULTRAFAB 33 Q267075K AS REQD. BOTT. RAIL W/STRIP SQUARE BACK — FIN SEAL SKIRTING BY ULTRAFAB 34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD — SILL/INTERLOCK LOCATION 35 1/MOV. PANEL 3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD — SILL/INTERLOCK LOCATION	29	TA88	2/MOV. PANEL	PANEL ROLLER ASSY.		AMESBURY
32 W21305NK AS REQD. VERTICAL W/STRIP AT JAMBS & ASTRAGAL - FIN SEAL BY ULTRAFAB 33 Q267075K AS REQD. BOTT. RAIL W/STRIP SQUARE BACK - FIN SEAL SKIRTING BY ULTRAFAB 34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERLOCK LOCATION 35 1/MOV. PANEL 3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERLOCK LOCATION	30		2/ROLLER	ROLLER INSTALLATION SCREWS		#8 x 1/2 FHSMS
33 Q267075K AS REQD. BOTT. RAIL W/STRIP SQUARE BACK - FIN SEAL SKIRTING BY ULTRAFAB 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERLOCK LOCATION 1/MOV. PANEL 3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERLOCK LOCATION	31	W21405NK	AS REQD.	TOP RAIL W/STRIP AT INTERLOCKS	_	FIN SEAL BY ULTRAFAB
34 1/MOV. PANEL 3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERLOCK LOCATION 35 1/MOV. PANEL 3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERLOCK LOCATION	32	W21305NK	AS REQD.	VERTICAL W/STRIP AT JAMBS & ASTRAGAL	_	FIN SEAL BY ULTRAFAB
35 1/MOV. PANEL 3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD - SILL/INTERLOCK LOCATION	33	Q267075K	AS REQD.	BOTT. RAIL W/STRIP SQUARE BACK	_	FIN SEAL SKIRTING BY ULTRAFAB
	34		1/MOV. PANEL	3 1/4" X 5/8" X 1/2" HIGH, ADHESIVE BACK PAD	_	SILL/INTERLOCK LOCATION
36 1/MOV. PANEL 3 1/4" X 1" X 1/2" HIGH, ADHESIVE BACK PAD - HEAD/INTERLOCK/ASTRAGAL LOCATION	35		1/MOV. PANEL	3 1/4" X 1 3/16" X 1/2" HIGH, ADHESIVE BACK PAD	_	SILL/INTERLOCK LOCATION
	36		1/MOV. PANEL	3 1/4" X 1" X 1/2" HIGH, ADHESIVE BACK PAD	_	HEAD/INTERLOCK/ASTRAGAL LOCATION

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1/MOV. PANEL 3 1/4" X 2 3/16" X 1/2" HIGH, ADHESIVE BACK PAD



SERIES 'TSD-5000' ALUM SLIDING GLASS DOOR (S.M.I TITAN GLASS & ALUMINUM, LLC. 450 WEST 27 STREET HIALEAH, FL. 33010

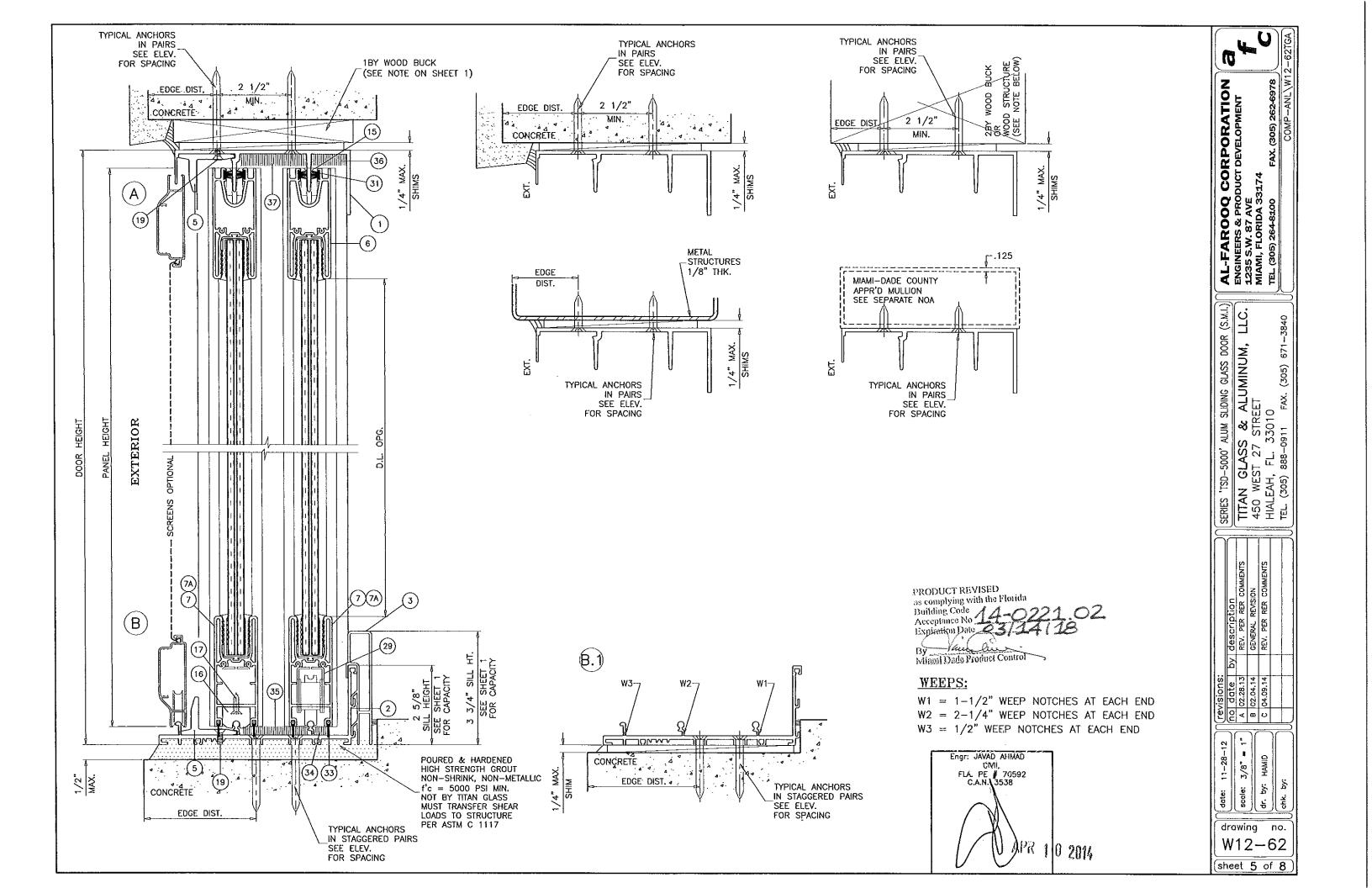
AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174

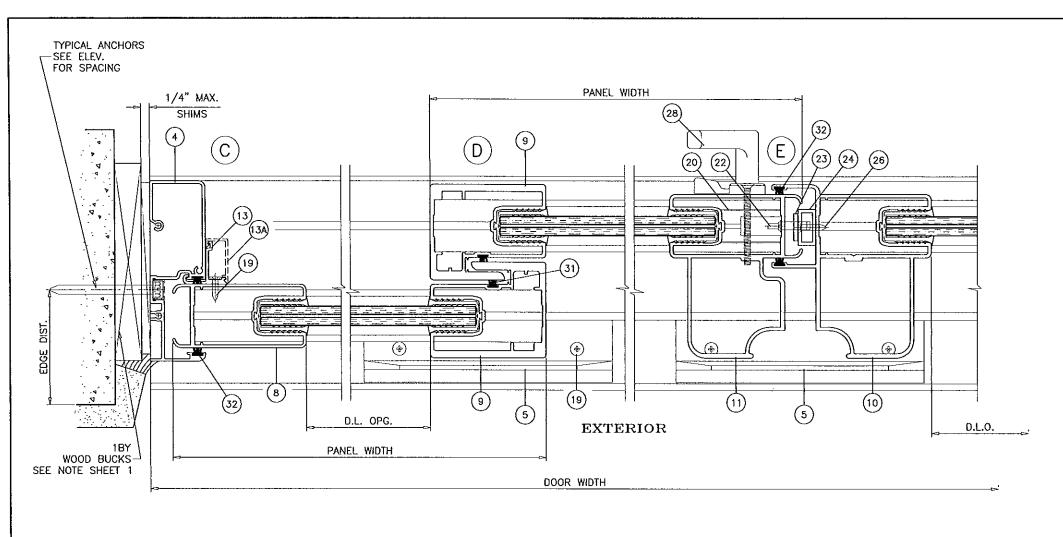
HEAD/INTERLOCK/ASTRAGAL LOCATION

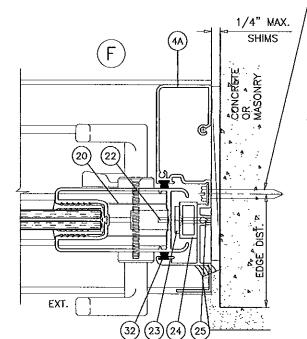
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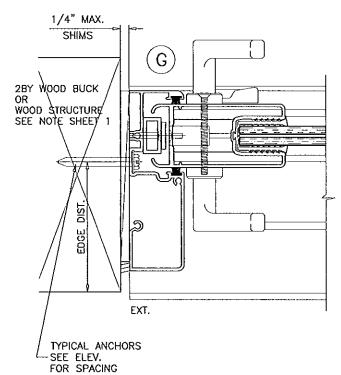


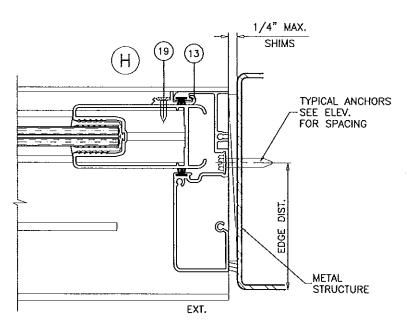


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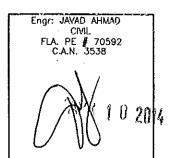
FOR SPACING





PRODUCT REVISED as complying with the Florida Building Code Acceptance No Acceptance No Expiration Date 03

Miami Dade Product Control

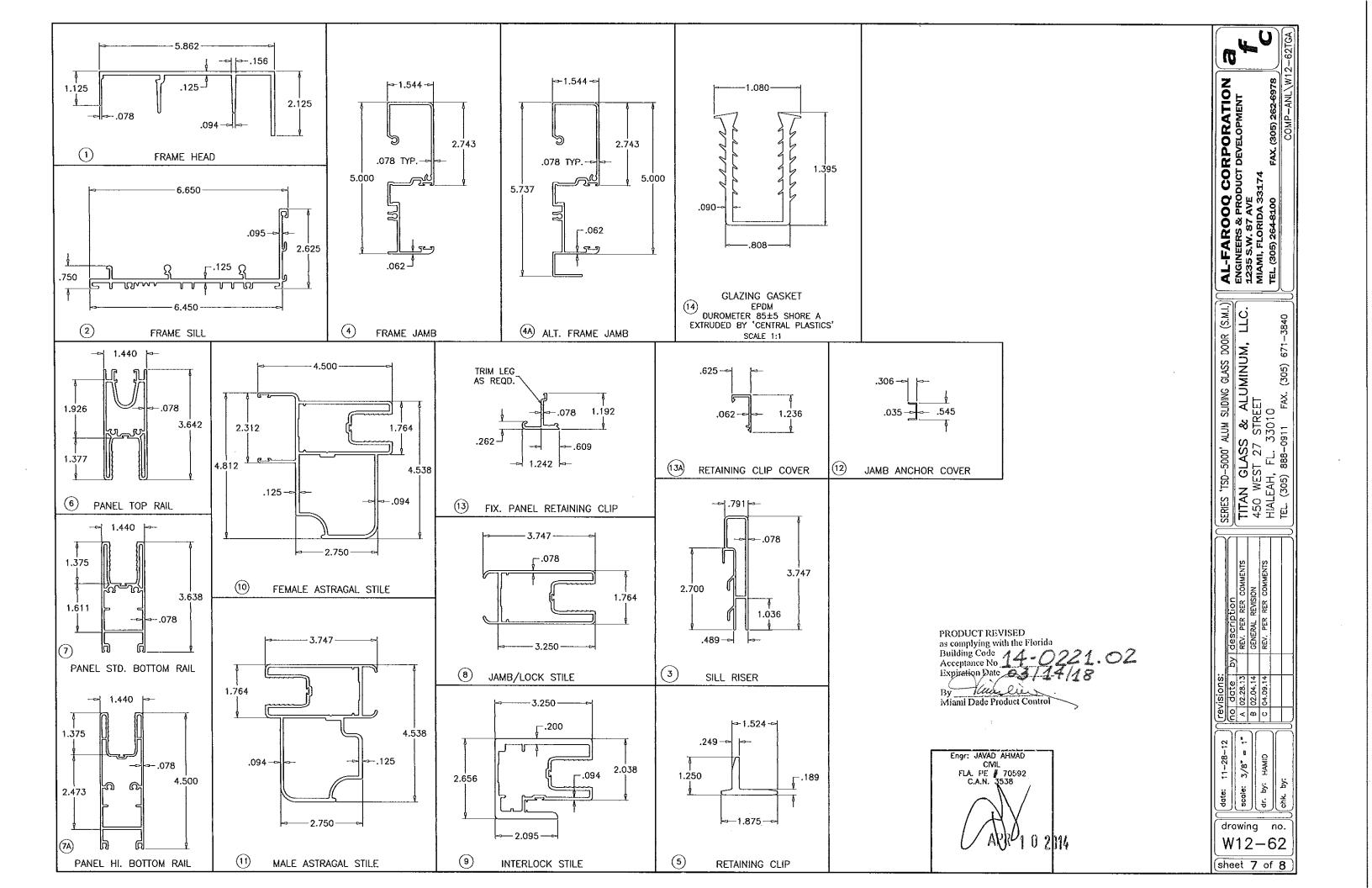


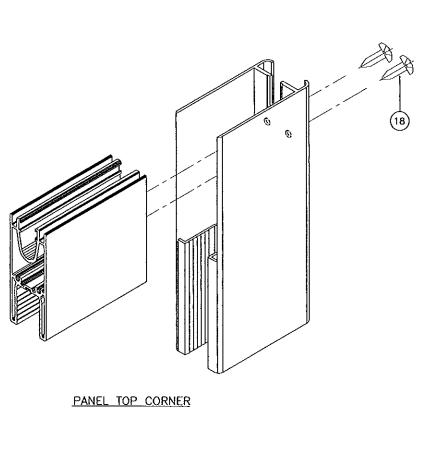
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SERIES 'TSD-5000' ALUM SLIDING GLASS DOOR (S.M.I.)	ပ		840
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GLASS	NIN		FAX. (305) 671-3840
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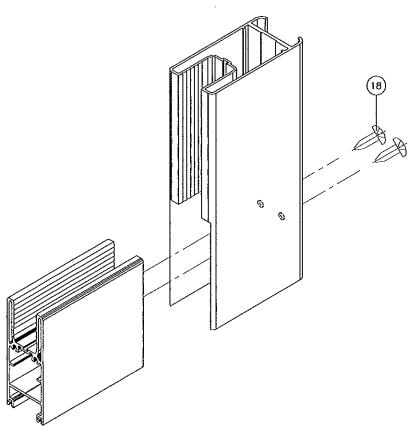
AL-FAROOQ CORPORATION
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| revisions: | no date | A 02.28.13 | B 02.04.14 | C 04.09.14

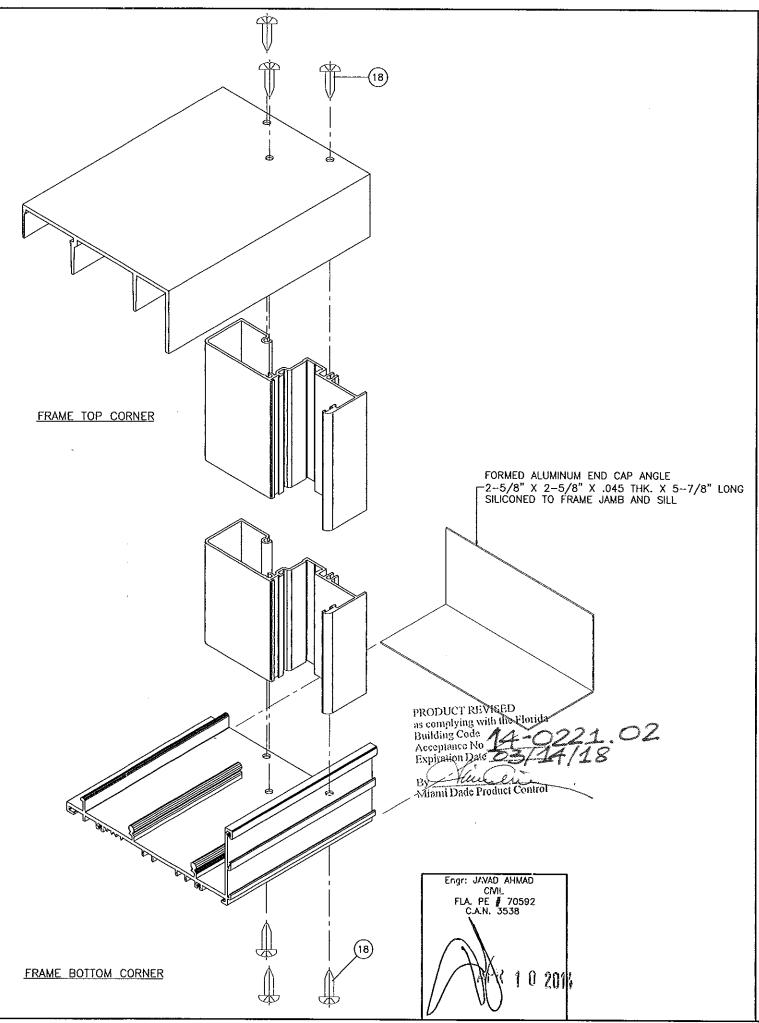
drawing no. W12 - 62sheet 6 of 8











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